

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	6	liquid phase microextraction	US-PGPUB; USPAT	ADJ	ON	2007/05/01 12:28
S2	1	"20040171169"	US-PGPUB; USPAT	ADJ	ON	2007/05/01 16:44
S3	1	"5169634".pn.	US-PGPUB; USPAT	ADJ	ON	2007/10/22 10:31
S4	2	pedersen-bjergaard stig.in.	US-PGPUB; USPAT	ADJ	ON	2007/05/17 07:25
S5	29	liquid NEAR5 microextraction	US-PGPUB; USPAT	ADJ	ON	2007/05/01 14:02
S6	11	S5 AND membrane	US-PGPUB; USPAT	ADJ	ON	2007/05/01 14:03
S7	48	liquid NEAR10 microextraction	US-PGPUB; USPAT	ADJ	ON	2007/05/01 14:10
S8	22	S7 AND membrane	US-PGPUB; USPAT	ADJ	ON	2007/05/01 14:03
S9	347	liquid AND microextraction	US-PGPUB; USPAT	ADJ	ON	2007/05/01 14:10
S10	159	S9 AND membrane	US-PGPUB; USPAT	ADJ	ON	2007/05/01 14:10
S11	11	S10 AND (fatty acid ester OR vegetable oil OR silicone oil OR nitroarylalkylether)	US-PGPUB; USPAT	ADJ	ON	2007/05/01 14:24
S12	1	"4844067".pn.	US-PGPUB; USPAT	ADJ	ON	2007/05/01 14:24
S13	248	liquid phase microextraction OR liquid phase extraction	US-PGPUB; USPAT	ADJ	ON	2007/05/01 14:59
S14	84	S13 AND membrane	US-PGPUB; USPAT	ADJ	ON	2007/05/01 14:59
S15	36	S14 AND oil	US-PGPUB; USPAT	ADJ	ON	2007/05/01 14:59
S16	4	S14 AND soya oil	US-PGPUB; USPAT	ADJ	ON	2007/05/01 15:00
S17	561	membrane AND soya oil	US-PGPUB; USPAT	ADJ	ON	2007/05/01 15:00
S18	13	membrane SAME soya oil	US-PGPUB; USPAT	ADJ	ON	2007/05/01 15:03
S19	271	membrane SAME (soya oil OR olive oil OR tea tree oil)	US-PGPUB; USPAT	ADJ	ON	2007/05/01 15:37
S20	1	membrane SAME nitroarylalkylether	US-PGPUB; USPAT	ADJ	ON	2007/05/01 15:38

EAST Search History

S21	0	membrane SAME nitroarylalkyl ADJ ether	US-PGPUB; USPAT	ADJ	ON	2007/05/01 15:38
S22	737	membrane SAME nitro AND ether	US-PGPUB; USPAT	ADJ	ON	2007/05/01 15:39
S23	19	membrane SAME (nitro NEAR5 ether)	US-PGPUB; USPAT	ADJ	ON	2007/05/01 15:40
S24	1	"20020040154"	US-PGPUB; USPAT	ADJ	ON	2007/05/01 15:40
S25	1	"3612283".pn.	US-PGPUB; USPAT	ADJ	ON	2007/05/01 16:30
S26	10	acceptor solution AND membrane AND analyte	US-PGPUB; USPAT	ADJ	ON	2007/05/01 16:47
S27	1	"4837157".pn.	US-PGPUB; USPAT	ADJ	ON	2007/05/01 17:07
S28	184	vegetable oil WITH membrane	US-PGPUB; USPAT	ADJ	ON	2007/05/01 17:08
S29	21	S28 AND hollow fiber	US-PGPUB; USPAT	ADJ	ON	2007/05/01 17:43
S30	185	porous polymeric substrate	US-PGPUB; USPAT	ADJ	ON	2007/05/01 17:21
S31	27	S30 AND (fatty acid ester OR vegetable oil OR silicone oil OR nitro arylalkylether)	US-PGPUB; USPAT	ADJ	ON	2007/05/01 17:24
S32	22	S31 AND membrane	US-PGPUB; USPAT	ADJ	ON	2007/05/01 17:24
S33	17	porous polymeric substrate AND (fatty acid ester OR vegetable oil OR silicone oil OR nitroarylalkylether) AND membrane AND hollow fiber	US-PGPUB; USPAT	ADJ	ON	2007/05/01 17:45
S34	1	porous polymeric substrate SAME (fatty acid ester OR vegetable oil OR silicone oil OR nitroarylalkylether) AND membrane AND hollow fiber	US-PGPUB; USPAT	ADJ	ON	2007/05/01 17:46
S35	6	porous polymeric substrate SAME (fatty acid ester OR vegetable oil OR silicone oil OR nitroarylalkylether)	US-PGPUB; USPAT	ADJ	ON	2007/05/01 17:50
S36	27	porous polymeric substrate AND (fatty acid ester OR vegetable oil OR silicone oil OR nitroarylalkylether)	US-PGPUB; USPAT	ADJ	ON	2007/05/01 17:53
S37	0	S27 AND hollow fiber	US-PGPUB; USPAT	ADJ	ON	2007/05/01 17:51

EAST Search History

S38	52	porous polymeric substrate SAME hollow fiber SAME membrane	US-PGPUB; USPAT	ADJ	ON	2007/05/01 17:53
S39	17	S38 AND (fatty acid ester OR vegetable oil OR silicone oil OR nitroarylalkylether)	US-PGPUB; USPAT	ADJ	ON	2007/05/01 18:00
S40	8	surface modified porous membrane and process	US-PGPUB; USPAT	ADJ	ON	2007/05/02 09:15
S41	8	surface modified porous membrane and process	US-PGPUB; USPAT	ADJ	ON	2007/05/02 09:15
S42	7	S41 AND hollow fiber	US-PGPUB; USPAT	ADJ	ON	2007/05/02 09:19
S43	687	membrane AND hollow fiber AND acceptor	US-PGPUB; USPAT	ADJ	ON	2007/05/02 09:20
S44	74	porous polymeric substrate AND hollow fiber AND membrane	US-PGPUB; USPAT	ADJ	ON	2007/05/02 09:24
S45	12	S44 AND acceptor	US-PGPUB; USPAT	ADJ	ON	2007/05/02 09:21
S46	1	porous polymeric substrate AND (hollow fiber WITH acceptor) AND membrane	US-PGPUB; USPAT	ADJ	ON	2007/05/02 09:24
S47	8	(hollow fiber WITH acceptor) AND membrane	US-PGPUB; USPAT	ADJ	ON	2007/05/02 09:35
S48	17	(hollow fiber SAME acceptor) AND membrane	US-PGPUB; USPAT	ADJ	ON	2007/05/02 09:52
S49	1	"5418006".pn.	US-PGPUB; USPAT	ADJ	ON	2007/05/02 09:58
S50	12	porous polymeric substrate AND fatty acid ester AND membrane	US-PGPUB; USPAT	ADJ	ON	2007/05/02 09:59
S51	0	"4199765..pn"	US-PGPUB; USPAT	ADJ	ON	2007/05/07 16:41
S52	1	"4199765".pn.	US-PGPUB; USPAT	ADJ	ON	2007/05/07 16:41
S53	1	"7148060".pn.	US-PGPUB; USPAT	ADJ	ON	2007/05/07 16:41
S54	1	"4859535".pn.	US-PGPUB; USPAT	ADJ	ON	2007/05/07 16:41
S55	1	"4394372".pn.	US-PGPUB; USPAT	ADJ	ON	2007/05/07 16:42
S56	1	"5914038".pn.	US-PGPUB; USPAT	ADJ	ON	2007/05/07 16:42
S57	1	"6112908".pn.	US-PGPUB; USPAT	ADJ	ON	2007/05/07 16:47
S58	3181	analyte AND membrane AND acceptor	US-PGPUB; USPAT	ADJ	ON	2007/05/07 16:47

EAST Search History

S59	40	S58 AND stir AND hollow fiber	US-PGPUB; USPAT	ADJ	ON	2007/05/07 16:48
S60	4	S59 And polyolefin	US-PGPUB; USPAT	ADJ	ON	2007/05/07 16:50
S61	1	"20040171169".pn.	US-PGPUB; USPAT	ADJ	ON	2007/05/07 16:51
S62	4	micro ADJ extraction AND membrane AND carrier NEAR3 layer	US-PGPUB; USPAT	ADJ	ON	2007/05/08 08:06
S63	4	micro NEAR2 extraction AND membrane AND carrier NEAR3 layer	US-PGPUB; USPAT	ADJ	ON	2007/05/08 08:06
S64	82	micro NEAR2 extraction AND membrane AND carrier	US-PGPUB; USPAT	ADJ	ON	2007/05/08 08:10
S65	2	micro NEAR2 extraction AND membrane AND carrier AND TOPO	US-PGPUB; USPAT	ADJ	ON	2007/05/08 08:18
S66	1	"6354443".pn.	US-PGPUB; USPAT	ADJ	ON	2007/05/08 10:15
S67	40	analyte AND membrane AND acceptor AND stir AND hollow fiber	US-PGPUB; USPAT	ADJ	ON	2007/05/08 10:19
S68	0	"schafer.in" AND "5861097".pn.	US-PGPUB; USPAT	ADJ	ON	2007/05/08 10:19
S69	1	"5861097".pn.	US-PGPUB; USPAT	ADJ	ON	2007/05/08 10:19
S70	34	hollow fiber and microextraction	US-PGPUB; USPAT	ADJ	ON	2007/05/17 07:48
S71	2	hollow fiber and membrane and (soya oil or tree tea oil)	US-PGPUB; USPAT	ADJ	ON	2007/05/17 07:49
S72	309	membrane and (soya oil or tree tea oil) and (coating or film)	US-PGPUB; USPAT	ADJ	ON	2007/05/17 07:49
S73	47	membrane and (soya oil or tree tea oil) same(coating or film)	US-PGPUB; USPAT	ADJ	ON	2007/05/17 12:10
S74	1	("20040116829").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/17 12:10
S75	7	((("5229004") or ("5252220") or ("5512180") or ("5603953") or ("9868935") or ("6096217") or ("6162360") or ("6171563"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/09/26 16:16
S76	1	("5650323").PN.	US-PGPUB; USPAT	OR	OFF	2007/09/26 16:13
S77	13	manns.in. and hollow fiber	US-PGPUB; USPAT	ADJ	ON	2007/09/26 17:24
S78	150	liquid membrane with (fatty acid ester or vegetable oil or silicone oil or mixture)	US-PGPUB; USPAT	ADJ	ON	2007/09/26 17:28
S79	67	S78 and hollow adj fiber	US-PGPUB; USPAT	ADJ	ON	2007/09/26 17:24

EAST Search History

S80	61	S79 and @py<="2004" and @ay<="2004"	US-PGPUB; USPAT	ADJ	ON	2007/09/26 17:25
S81	11	liquid membrane with (fatty acid ester or vegetable oil or silicone oil)	US-PGPUB; USPAT	ADJ	ON	2007/09/26 17:28
S82	6	("2358320" "3993746" "4390260" "4413014" "4861586").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/27 12:38
S83	1	("5507949").PN.	US-PGPUB; USPAT	OR	OFF	2007/10/11 09:12
S84	91036	"210".clas.	US-PGPUB; USPAT	ADJ	ON	2007/10/11 09:12
S85	3303	S84 and liquid near3 membrane	US-PGPUB; USPAT	ADJ	ON	2007/10/11 09:12
S86	40	S85 and fatty acid ester	US-PGPUB; USPAT	ADJ	ON	2007/10/11 09:12
S87	32	S86 and @py<="2004" and @ay<="2004"	US-PGPUB; USPAT	ADJ	ON	2007/10/11 10:01
S88	25	S85 and (olive or tree or soya) near3 oil	US-PGPUB; USPAT	ADJ	ON	2007/10/11 10:01
S89	22	S88 and @py<="2004" and @ay<="2004"	US-PGPUB; USPAT	ADJ	ON	2007/10/11 10:03
S90	0	S89 and (liquid same phase same microextraction)	US-PGPUB; USPAT	ADJ	ON	2007/10/11 10:04
S91	0	S89 and (liquid same microextraction)	US-PGPUB; USPAT	ADJ	ON	2007/10/11 10:04
S92	10	S89 and (extraction)	US-PGPUB; USPAT	ADJ	ON	2007/10/11 10:04
S93	15919	(liquid near3 membrane)	US-PGPUB; USPAT	ADJ	ON	2007/10/11 10:04
S94	37	S93 and membrane same oil same (olive or teatree or soya)	US-PGPUB; USPAT	ADJ	ON	2007/10/11 10:05
S95	6	S94 and extraction	US-PGPUB; USPAT	ADJ	ON	2007/10/11 10:16
S96	1	("4276179").PN.	US-PGPUB; USPAT	OR	OFF	2007/10/11 10:40
S97	0	S96 and ionophore	US-PGPUB; USPAT	ADJ	ON	2007/10/11 10:40
S98	32	ionophore	US-PGPUB; USPAT	ADJ	ON	2007/10/11 10:41
S99	0	S98 and liquid membrane	US-PGPUB; USPAT	ADJ	ON	2007/10/11 10:41
S100	6	S98 and fiber	US-PGPUB; USPAT	ADJ	ON	2007/10/11 11:43

EAST Search History

S10 1	6	((("4666543") or ("5282964") or ("5474902") or ("5846427") or ("5202023") or ("5252220")).PN.	US-PGPUB; USPAT	OR	OFF	2007/10/11 11:43
S10 2	0	S101 and perservative	US-PGPUB; USPAT	ADJ	ON	2007/10/11 11:44
S10 3	15687	hollow fiber	US-PGPUB; USPAT	ADJ	ON	2007/10/11 11:44
S10 4	38	S103 and microextraction	US-PGPUB; USPAT	ADJ	ON	2007/10/11 11:44
S10 5	0	S104 and perservative	US-PGPUB; USPAT	ADJ	ON	2007/10/11 11:44
S10 6	15	S104 and housing	US-PGPUB; USPAT	ADJ	ON	2007/10/11 11:46
S10 7	2099	liquid adj membrane	US-PGPUB; USPAT	ADJ	ON	2007/10/11 11:46
S10 8	1	S107 same preservative	US-PGPUB; USPAT	ADJ	ON	2007/10/11 11:48
S10 9	110	S107 and preservative	US-PGPUB; USPAT	ADJ	ON	2007/10/11 11:48
S11 0	1	S109 and microextraction	US-PGPUB; USPAT	ADJ	ON	2007/10/11 11:51
S11 1	2099	liquid adj membrane	US-PGPUB; USPAT	ADJ	ON	2007/10/11 11:51
S11 2	488	S111 and hollow fiber	US-PGPUB; USPAT	ADJ	ON	2007/10/11 11:51
S11 3	130	S112 and (store or stored)	US-PGPUB; USPAT	ADJ	ON	2007/10/11 11:51
S11 4	70	S113 and days	US-PGPUB; USPAT	ADJ	ON	2007/10/11 11:51
S11 5	59	S114 and @py<="2004" and @ay<="2004"	US-PGPUB; USPAT	ADJ	ON	2007/10/11 11:52
S11 6	7	S115 and ((store or stored) same days)	US-PGPUB; USPAT	ADJ	ON	2007/10/11 12:01
S11 7	965	hollow adj fiber and ((store or stored) same days)	US-PGPUB; USPAT	ADJ	ON	2007/10/11 12:02
S11 8	52	S117 and analyte and extract	US-PGPUB; USPAT	ADJ	ON	2007/10/11 12:02
S11 9	26	S118 and @py<="2004" and @ay<="2004"	US-PGPUB; USPAT	ADJ	ON	2007/10/11 12:06
S12 0	15687	hollow adj fiber	US-PGPUB; USPAT	ADJ	ON	2007/10/11 12:06
S12 1	149	S120 same liquid adj membrane	US-PGPUB; USPAT	ADJ	ON	2007/10/11 12:06

EAST Search History

S12 2	34	S121 and (housing or closed near3 (container or compartment))	US-PGPUB; USPAT	ADJ	ON	2007/10/11 12:07
S12 3	24	S122 and @py<="2004" and @ay<="2004"	US-PGPUB; USPAT	ADJ	ON	2007/10/11 12:26
S12 4	1	liquid adj membrane same preservative	US-PGPUB; USPAT	ADJ	ON	2007/10/11 12:29
S12 5	1	("0514686").PN.	US-PGPUB; USPAT	OR	OFF	2007/10/11 12:29
S12 6	1	("6291249").PN.	US-PGPUB; USPAT	OR	OFF	2007/10/11 12:30
S12 7	1	("5507949").PN.	US-PGPUB; USPAT	OR	OFF	2007/10/22 10:32
S12 8	1	S127 and hollow	US-PGPUB; USPAT	ADJ	ON	2007/10/22 10:32
S12 9	1	S127 and hollow fiber	US-PGPUB; USPAT	ADJ	ON	2007/10/22 10:32